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Application Number

08/369522

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United States Patent Application Publication No. \_\_\_\_\_, page, \_\_\_\_\_ line \_\_\_\_\_

United States Patent Number 6239794, column \_\_\_\_\_, line, \_\_\_\_\_ or

WIPO Pub. No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_

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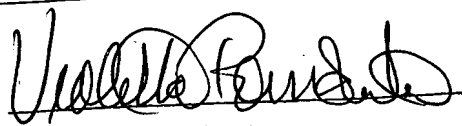
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US006239794B1

(12) **United States Patent**  
Yuen et al.

(10) **Patent No.:** US 6,239,794 B1  
(45) **Date of Patent:** \*May 29, 2001

(54) **METHOD AND SYSTEM FOR  
SIMULTANEOUSLY DISPLAYING A  
TELEVISION PROGRAM AND  
INFORMATION ABOUT THE PROGRAM**

#### FOREIGN PATENT DOCUMENTS

(75) **Inventors:** Henry C. Yuen, Redondo Beach;  
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(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

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claimer.

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(21) **Appl. No.:** 08/475,395

(22) **Filed:** Jun. 7, 1995

(List continued on next page.)

#### Related U.S. Application Data

(63) Continuation-in-part of application No. 08/424,863, filed on  
Apr. 17, 1995, now abandoned, which is a continuation-in-  
part of application No. 08/369,522, filed on Jan. 5, 1995,  
now abandoned, which is a continuation-in-part of applica-  
tion No. 08/312,863, filed on Sep. 27, 1994, now abandoned,  
which is a continuation-in-part of application No. 08/298,  
997, filed on Aug. 31, 1994, now abandoned.

(51) **Int. Cl.** <sup>7</sup> ..... H04N 5/445  
(52) **U.S. Cl.** ..... 345/327; 348/565; 348/906  
(58) **Field of Search** ..... 348/565, 906,  
348/12, 563, 564, 566, 567, 570, 731, 732;  
H04N 5/445, 5/45

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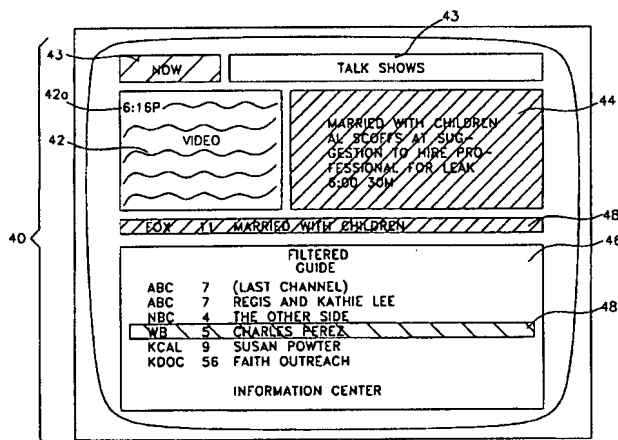
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LLP

(57) **ABSTRACT**

A television viewer uses a PIP format for display of program  
related information such as television program listings from  
a program schedule data base in the background and  
moving, real time or stored video clip images of a program  
selected from the displayed listings in the PIP window. All  
the text of the background information lies outside the PIP  
window. In one embodiment, as the viewer selects a par-  
ticular program from the display of current television pro-  
gram listings by means of a cursor or a code number, the  
corresponding program automatically appears in the PIP  
window.

21 Claims, 33 Drawing Sheets



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